

### **AMENDMENTS TO THE CLAIMS**

Please **REWRITE** claims 1, 19, 43, 61, 85, 92, 110, 117, 135, 155, 180, 200, 225, 234, 253, 262, and 281. For the Examiner's convenience, this Amendment includes the text of all claims under examination, a parenthetical expression for each claim to indicate the current status of the claim, and markings to show the changes to a claim relative to the immediate prior version of that claim.

1. (Currently Amended) A system for using a computer to identify ~~identifying~~ a matching resume for a job description, comprising:

a memory device resident in the computer; and

a processor disposed in communication with the memory device, the processor configured to:

receive the job description that includes at least one job requirement, each said at least one job requirement comprising a required skill or experience-related phrase and a required term of experience for the required skill or experience-related phrase;

store the job description;

receive at least one resume; ~~each said at least one resume including at least one skill or experience-related phrase,~~

parse each said at least one resume to:

locate at least one skill or experience-related phrase in the resume;

determine an experience range for each said at least one skill or experience-related phrase by examining a use of each said at least one skill or experience-related phrase in the resume; and

compute a term of experience for each said at least one skill or experience-related phrase based on the experience range,

wherein the term of experience for each said at least one skill or experience-related phrase is a summation of the term of experience for each occurrence of the phrase associated with a different experience range,

wherein said at least one skill or experience-related phrase includes

~~including~~ the required skill or experience-related phrase for at least one of said  
at least one job requirement,

wherein each resume summarizes a candidate's career and qualifications,  
and

wherein each resume conveys personal and business-related  
characteristics that the candidate believes to be relevant to a prospective  
employer;

store each said at least one resume;

compute, for each said at least one resume, the term of experience for the  
required skill or experience-related phrase for each said at least one job requirement;  
and

determine whether each said at least one resume is the matching resume that  
satisfies the job description.

2. (Original) The system of claim 1, wherein the storing of the job description is to a  
database.

3. (Original) The system of claim 1, wherein the storing of each said at least one resume is  
to a database.

4. (Original) The system of claim 1, wherein the required term of experience is a minimum  
required term of experience.

5. (Original) The system of claim 1, wherein each said at least one resume comprises a  
document in an electronic format.

6. (Original) The system of claim 5, wherein the electronic format includes a standard  
digital document format.

7. (Original) The system of claim 1, wherein the job description comprises a document in  
an electronic format.

8. (Original) The system of claim 7, wherein the electronic format includes a standard digital document format.
9. (Original) The system of claim 1, wherein each said at least one resume comprises a curriculum vitae.
10. (Original) The system of claim 1, wherein each said at least one resume includes at least one word, and wherein said at least one skill or experience-related phrase comprises said at least one word.
11. (Original) The system of claim 10, wherein, when each said at least one resume includes at least two words, said at least one skill or experience-related phrase further comprises at least one word group, each said at least one word group including consecutive words from the resume.
12. (Original) The system of claim 1, wherein each said at least one skill or experience-related phrase comprises a skill, a job location, a title, a department, a responsibility, a duty, an action, an achievement, an accomplishment, a relationship, a product, a consultation, a group, a team, a field, a space, an area of endeavor, a company, an industry, a technical package, or a tool.
13. (Original) The system of claim 1, wherein said at least one skill or experience-related phrase includes at least one attribute for a candidate.
14. (Original) The system of claim 13, wherein said at least one attribute includes a name, a residence or business address, a telephone number, an electronic mail address, education data, past employer data, or salary data.
15. (Original) The system of claim 14, wherein the telephone number includes a home number, a work number, a facsimile number, or a cellular number.

16. (Original) The system of claim 14, wherein the education data includes a degree, a major, a year, or a school name.
17. (Original) The system of claim 14, wherein the past employer data includes an employer name, a last title, and a period of employment.
18. (Original) The system of claim 14, wherein the salary data includes a current salary and an expected salary.
19. (Currently Amended) The system of claim 1, wherein the examining of the use of each said at least one skill or experience-related phrase in the resume includes examining a portion of the resume that surrounds each said at least one skill or experience-related phrase for a context, each said at least one resume further includes at least one contextual use, each said at least one contextual use including an experience range, and wherein to compute the term of experience, the processor is further configured to:  
    ~~associate the required skill or experience-related phrase for each said at least one job requirement with one of said at least one contextual use,~~  
    ~~wherein the term of experience for the required skill or experience-related phrase for each said at least one job requirement is derived from the experience range of the associated one of said at least one contextual use.~~
20. (Original) The system of claim 19, wherein the processor is further configured to:  
    when the experience range is zero:  
        set the term of experience to zero; and  
    when the experience range is greater than zero:  
        determine a start time for the experience range;  
        determine an end time for the experience range;  
        compute a time difference between the start time and the end time; and  
        set the term of experience to the time difference.

21. (Original) The system of claim 20, wherein the term of experience is a number of seconds, minutes, hours, days, weeks, months, years, or decades.
22. (Original) The system of claim 20, wherein the term of experience is an integer.
23. (Original) The system of claim 20, wherein the term of experience is not an integer.
24. (Original) The system of claim 20, wherein to set the term of experience to the time difference, the processor is further configured to:
  - compute a repeated entry time difference for the required skill or experience-related phrase for each said at least one job requirement that is a repeated entry and is associated with an other experience range; and
  - add to the time difference each repeated entry time difference,
  - wherein the other experience range includes an other start time and an other end time,
  - wherein the start time precedes the end time,
  - wherein the other start time precedes the other end time, and
  - wherein the other end time either precedes or is equal to the start time, or the other start time either succeeds or is equal to the end time.
25. (Original) The system of claim 1, wherein the required term of experience is a number of seconds, minutes, hours, days, weeks, months, years, or decades.
26. (Original) The system of claim 1, wherein the required term of experience is an integer.
27. (Original) The system of claim 1, wherein the required term of experience is not an integer.
28. (Original) The system of claim 1, wherein the matching resume that satisfies the job description includes the required skill or experience-related phrase for each said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

29. (Original) The system of claim 28, wherein at least one of said at least one job requirement includes at least one alternative job requirement, each said at least one alternative job requirement comprising an alternative required skill or experience-related phrase and an alternative required term of experience, and wherein the matching resume satisfies said at least one of said at least one job requirement when the resume includes either:

the required skill or experience-related phrase for said at least one of said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience; or

the alternative required skill or experience-related phrase for any said at least one alternative job requirement, and the term of experience for the alternative required skill or experience-related phrase in the resume is greater than or equal to the alternative required term of experience.

30. (Original) The system of claim 1, wherein the matching resume satisfies the job description when the resume includes the required skill or experience-related phrase for any said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

31. (Original) The system of claim 1, wherein each said at least one job requirement further comprises a required time range for the required skill or experience-related phrase, and wherein the matching resume satisfies the job description when the experience range of the skill or experience-related phrase overlaps with the required time range.

32. (Original) The system of claim 1, wherein the processor is further configured to: display the matching resume on a display screen.

33. (Original) The system of claim 32, wherein the display includes a first portion, a second portion, and a third portion, the first portion showing a list of said at least one resume, the second portion showing at least one attribute extracted from the matching resume, the third portion showing the matching resume.

34. (Original) The system of claim 32, wherein the display includes a first portion, and a second portion, the first portion showing at least one attribute extracted from the matching resume, the second portion showing the matching resume.

35. (Original) The system of claim 32, wherein the display includes a first portion, and a second portion, the first portion showing a list of said at least one resume, the second portion showing the matching resume.

36. (Original) The system of claim 32, wherein the matching resume includes at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement, and wherein to display the matching resume, the processor is further configured to:

mark each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.

37. (Original) The system of claim 36, wherein the marking includes highlighting each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement, or displaying in reverse video each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.

38. (Original) The system of claim 1, wherein the job description further includes a required level of education or a required field of specialization.

39. (Original) The system of claim 38, wherein the matching resume that satisfies the job description includes the required level of education, the required field of specialization, or a phrase implying the required level of education or the required field of specialization.

40. (Original) The system of claim 1, wherein the job description further includes a required salary range comprising a minimum required salary and a maximum required salary.

41. (Original) The system of claim 40, wherein the matching resume that satisfies the job description includes an expected salary that falls within the required salary range.

42. (Original) The system of claim 41, wherein the expected salary falls within the required salary range when:

the expected salary is greater than or equal to the minimum required salary, and  
the expected salary is less than or equal to the maximum required salary.

43. (Currently Amended) A method for using a computer to identify ~~identifying~~ a matching resume for a job description, comprising:

receiving the job description in a memory device resident in the computer, the job description including ~~that includes~~ at least one job requirement, each said at least one job requirement comprising a required skill or experience-related phrase and a required term of experience for the required skill or experience-related phrase;

storing the job description;

receiving at least one resume; ~~each said at least one resume including at least one skill or experience-related phrase,~~

parsing each said at least one resume to:

locate at least one skill or experience-related phrase in the resume;

determine an experience range for each said at least one skill or experience-related phrase by examining a use of each said at least one skill or experience-related phrase in the resume; and

compute a term of experience for each said at least one skill or experience-related phrase based on the experience range,

wherein the term of experience for each said at least one skill or experience-related phrase is a summation of the term of experience for each occurrence of the phrase associated with a different experience range,

wherein said at least one skill or experience-related phrase includes ~~including~~ the required skill or experience-related phrase for at least one of said at least one job requirement,

wherein each resume summarizes a candidate's career and qualifications, and  
wherein each resume conveys personal and business-related characteristics that



the candidate believes to be relevant to a prospective employer;  
storing each said at least one resume;  
computing, for each said at least one resume, a term of experience for the required skill or experience-related phrase for each said at least one job requirement; and  
determining whether each said at least one resume is the matching resume that satisfies the job description.

44. (Original) The method of claim 43, wherein the storing of the job description is to a database.

45. (Original) The method of claim 43, wherein the storing of each said at least one resume is to a database.

46. (Original) The method of claim 43, wherein the required term of experience is a minimum required term of experience.

47. (Original) The method of claim 43, wherein each said at least one resume comprises a document in an electronic format.

48. (Original) The method of claim 47, wherein the electronic format includes a standard digital document format.

49. (Original) The method of claim 43, wherein the job description comprises a document in an electronic format.

50. (Original) The method of claim 49, wherein the electronic format includes a standard digital document format.

51. (Original) The method of claim 43, wherein each said at least one resume comprises a curriculum vitae.

52. (Original) The method of claim 43, wherein each said at least one resume includes at least one word, and wherein said at least one skill or experience-related phrase comprises said at least one word.

53. (Original) The method of claim 52, wherein, when each said at least one resume includes at least two words, said at least one skill or experience-related phrase further comprises at least one word group, each said at least one word group including consecutive words from the resume.

54. (Original) The method of claim 43, wherein each said at least one skill or experience-related phrase comprises a skill, a job location, a title, a department, a responsibility, a duty, an action, an achievement, an accomplishment, a relationship, a product, a consultation, a group, a team, a field, a space, an area of endeavor, a company, an industry, a technical package, or a tool.

55. (Original) The method of claim 43, wherein said at least one skill or experience-related phrase includes at least one attribute for a candidate.

56. (Original) The method of claim 55, wherein said at least one attribute includes a name, a residence or business address, a telephone number, an electronic mail address, education data, past employer data, or salary data.

57. (Original) The method of claim 56, wherein the telephone number includes a home number, a work number, a facsimile number, or a cellular number.

58. (Original) The method of claim 56, wherein the education data includes a degree, a major, a year, or a school name.

59. (Original) The method of claim 56, wherein the past employer data includes an employer name, a last title, and a period of employment.

60. (Original) The method of claim 56, wherein the salary data includes a current salary and an expected salary.

61. (Currently Amended) The method of claim 43, wherein the examining of the use of each said at least one skill or experience-related phrase in the resume includes examining a portion of the resume that surrounds each said at least one skill or experience-related phrase for a context, each said at least one resume further includes at least one contextual use, each said at least one contextual use including an experience range, and wherein the computing of the term of experience further comprises:

~~associating the required skill or experience-related phrase for each said at least one job requirement with one of said at least one contextual use,~~

~~wherein the term of experience for the required skill or experience-related phrase for each said at least one job requirement is derived from the experience range of the associated one of said at least one contextual use.~~

62. (Original) The method of claim 61, further comprising:

when the experience range is zero:

setting the term of experience to zero; and

when the experience range is greater than zero:

determining a start time for the experience range;

determining an end time for the experience range;

computing a time difference between the start time and the end time; and

setting the term of experience to the time difference.

63. (Original) The method of claim 62, wherein the term of experience is a number of seconds, minutes, hours, days, weeks, months, years, or decades.

64. (Original) The method of claim 62, wherein the term of experience is an integer.

65. (Original) The method of claim 62, wherein the term of experience is not an integer.

66. (Original) The method of claim 62, wherein the setting of the term of experience to the time difference further comprises:

computing a repeated entry time difference for the required skill or experience-related phrase for each said at least one job requirement that is a repeated entry and is associated with an other experience range; and

adding to the time difference each repeated entry time difference,  
wherein the other experience range includes an other start time and an other end time,  
wherein the start time precedes the end time,  
wherein the other start time precedes the other end time, and  
wherein the other end time either precedes or is equal to the start time, or the other start time either succeeds or is equal to the end time.

67. (Original) The method of claim 43, wherein the required term of experience is a number of seconds, minutes, hours, days, weeks, months, years, or decades.

68. (Original) The method of claim 43, wherein the required term of experience is an integer.

69. (Original) The method of claim 43, wherein the required term of experience is not an integer.

70. (Original) The method of claim 43, wherein the matching resume that satisfies the job description includes the required skill or experience-related phrase for each said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

71. (Original) The method of claim 70, wherein at least one of said at least one job requirement includes at least one alternative job requirement, each said at least one alternative job requirement comprising an alternative required skill or experience-related phrase and an alternative required term of experience, and wherein the matching resume satisfies said at least one of said at least one job requirement when the resume includes either:

the required skill or experience-related phrase for said at least one of said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience; or

the alternative required skill or experience-related phrase for any said at least one alternative job requirement, and the term of experience for the alternative required skill or experience-related phrase in the resume is greater than or equal to the alternative required term of experience.

72. (Original) The method of claim 43, wherein the matching resume satisfies the job description when the resume includes the required skill or experience-related phrase for any said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

73. (Original) The method of claim 43, wherein each said at least one job requirement further comprises a required time range for the required skill or experience-related phrase, and wherein the matching resume satisfies the job description when the experience range of the skill or experience-related phrase overlaps with the required time range.

74. (Original) The method of claim 43, further comprising:  
displaying the matching resume on a display screen.

75. (Original) The method of claim 74, wherein the display includes a first portion, a second portion, and a third portion, the first portion showing a list of said at least one resume, the second portion showing at least one attribute extracted from the matching resume, the third portion showing the matching resume.

76. (Original) The method of claim 74, wherein the display includes a first portion, and a second portion, the first portion showing at least one attribute extracted from the matching resume, the second portion showing the matching resume.

77. (Original) The method of claim 74, wherein the display includes a first portion, and a second portion, the first portion showing a list of said at least one resume, the second portion showing the matching resume.

78. (Original) The method of claim 74, wherein the matching resume includes at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement, and wherein the displaying of the matching resume further comprises:

marking each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.

79. (Original) The method of claim 78, wherein the marking includes highlighting each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement, or displaying in reverse video each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.

80. (Original) The method of claim 43, wherein the job description further includes a required level of education or a required field of specialization.

81. (Original) The method of claim 80, wherein the matching resume that satisfies the job description includes the required level of education, the required field of specialization, or a phrase implying the required level of education or the required field of specialization.

82. (Original) The method of claim 43, wherein the job description further includes a required salary range comprising a minimum required salary and a maximum required salary.

83. (Original) The method of claim 82, wherein the matching resume that satisfies the job description includes an expected salary that falls within the required salary range.

84. (Original) The method of claim 83, wherein the expected salary falls within the required salary range when:

the expected salary is greater than or equal to the minimum required salary, and  
the expected salary is less than or equal to the maximum required salary.

85. (Currently Amended) A computer program product, to be used on a computer,  
~~comprising a computer useable storage medium having computer readable program code~~  
~~embodied in the medium~~ for identifying a matching resume for a job description, ~~the computer~~  
~~readable program code~~ comprising:

a computer readable medium storing:

program code for receiving the job description that includes at least one job  
requirement, each said at least one job requirement comprising a required skill or  
experience-related phrase and a required term of experience for the required skill or  
experience-related phrase;

program code for storing the job description;

program code for receiving at least one resume; ~~each said at least one resume~~  
~~including at least one skill or experience-related phrase,~~

program code for parsing each said at least one resume to:

locate at least one skill or experience-related phrase in the resume;

determine an experience range for each said at least one skill or  
experience-related phrase by examining a use of each said at least one skill or  
experience-related phrase in the resume; and

compute a term of experience for each said at least one skill or  
experience-related phrase based on the experience range,

wherein the term of experience for each said at least one skill or  
experience-related phrase is a summation of the term of experience for each  
occurrence of the phrase associated with a different experience range,

wherein said at least one skill or experience-related phrase includes  
~~including~~ the required skill or experience-related phrase for at least one of said  
at least one job requirement,

wherein each resume summarizes a candidate's career and qualifications,  
and

wherein each resume conveys personal and business-related  
characteristics that the candidate believes to be relevant to a prospective

employer;  
program code for storing each said at least one resume;  
program code for computing, for each said at least one resume, a term of experience for the required skill or experience-related phrase for each said at least one job requirement; and  
program code for determining whether each said at least one resume is the matching resume that satisfies the job description.

86. (Original) The computer program product of claim 85, wherein the storing of the job description is to a database.

87. (Original) The computer program product of claim 85, wherein the storing of each said at least one resume is to a database.

88. (Original) The computer program product of claim 85, wherein the required term of experience is a minimum required term of experience.

89. (Original) The computer program product of claim 85, wherein each said at least one resume includes at least one word, and wherein said at least one skill or experience-related phrase comprises said at least one word.

90. (Original) The computer program product of claim 89, wherein, when each said at least one resume includes at least two words, said at least one skill or experience-related phrase further comprises at least one word group, each said at least one word group including consecutive words from the resume.

91. (Original) The computer program product of claim 85, wherein said at least one skill or experience-related phrase includes at least one attribute for a candidate.

92. (Currently Amended) The computer program product of claim 85, wherein the examining of the use of each said at least one skill or experience-related phrase in the resume includes examining a portion of the resume that surrounds each said at least one skill or



~~experience-related phrase for a context. each said at least one resume further includes at least one contextual use, each said at least one contextual use including an experience range, and wherein the program code for computing the term of experience further comprises:~~

~~program code for associating the required skill or experience-related phrase for each said at least one job requirement with one of said at least one contextual use,~~

~~wherein the term of experience for the required skill or experience-related phrase for each said at least one job requirement is derived from the experience range of the associated one of said at least one contextual use.~~

93. (Original) The computer program product of claim 92, the computer readable medium further storing:

program code for setting the term of experience to zero when the experience range is zero;

program code for determining a start time for the experience range when the experience range is greater than zero;

program code for determining an end time for the experience range when the experience range is greater than zero;

program code for computing a time difference between the start time and the end time when the experience range is greater than zero; and

program code for setting the term of experience to the time difference when the experience range is greater than zero.

94. (Original) The computer program product of claim 93, wherein the program code for setting the term of experience to the time difference further comprises:

program code for computing a repeated entry time difference for the required skill or experience-related phrase for each said at least one job requirement that is a repeated entry and is associated with an other experience range; and

program code for adding to the time difference each repeated entry time difference, wherein the other experience range includes an other start time and an other end time, wherein the start time precedes the end time,

wherein the other start time precedes the other end time, and  
wherein the other end time either precedes or is equal to the start time, or the other start time either succeeds or is equal to the end time.

95. (Original) The computer program product of claim 85, wherein the matching resume that satisfies the job description includes the required skill or experience-related phrase for each said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

96. (Original) The computer program product of claim 95, wherein at least one of said at least one job requirement includes at least one alternative job requirement, each said at least one alternative job requirement comprising an alternative required skill or experience-related phrase and an alternative required term of experience, and wherein the matching resume satisfies said at least one of said at least one job requirement when the resume includes either:

the required skill or experience-related phrase for said at least one of said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience; or

the alternative required skill or experience-related phrase for any said at least one alternative job requirement, and the term of experience for the alternative required skill or experience-related phrase in the resume is greater than or equal to the alternative required term of experience.

97. (Original) The computer program product of claim 85, wherein the matching resume satisfies the job description when the resume includes the required skill or experience-related phrase for any said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

98. (Original) The computer program product of claim 85, wherein each said at least one job requirement further comprises a required time range for the required skill or experience-

related phrase, and wherein the matching resume satisfies the job description when the experience range of the skill or experience-related phrase overlaps with the required time range.

99. (Original) The computer program product of claim 85, the computer readable medium further storing:

program code for displaying the matching resume on a display screen.

100. (Original) The computer program product of claim 99, wherein the display includes a first portion, a second portion, and a third portion, the first portion showing a list of said at least one resume, the second portion showing at least one attribute extracted from the matching resume, the third portion showing the matching resume.

101. (Original) The computer program product of claim 99, wherein the display includes a first portion, and a second portion, the first portion showing at least one attribute extracted from the matching resume, the second portion showing the matching resume.

102. (Original) The computer program product of claim 99, wherein the display includes a first portion, and a second portion, the first portion showing a list of said at least one resume, the second portion showing the matching resume.

103. (Original) The computer program product of claim 99, wherein the matching resume includes at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement, and wherein the program code for displaying the matching resume further comprises:

program code for marking each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.

104. (Original) The computer program product of claim 103, wherein the marking includes highlighting each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement, or displaying in reverse video each said at least one

occurrence of the required skill or experience-related phrase for each said at least one job requirement.

105. (Original) The computer program product of claim 85, wherein the job description further includes a required level of education or a required field of specialization.

106. (Original) The computer program product of claim 105, wherein the matching resume that satisfies the job description includes the required level of education, the required field of specialization, or a phrase implying the required level of education or the required field of specialization.

107. (Original) The computer program product of claim 85, wherein the job description further includes a required salary range comprising a minimum required salary and a maximum required salary.

108. (Original) The computer program product of claim 107, wherein the matching resume that satisfies the job description includes an expected salary that falls within the required salary range.

109. (Original) The computer program product of claim 108, wherein the expected salary falls within the required salary range when:

the expected salary is greater than or equal to the minimum required salary, and  
the expected salary is less than or equal to the maximum required salary.

110. (Currently Amended) A system for using a computer to identify ~~identifying~~ a matching resume for a job description, comprising:

means for receiving the job description that includes at least one job requirement, each said at least one job requirement comprising a required skill or experience-related phrase and a required term of experience for the required skill or experience-related phrase;

means for storing the job description;

means for receiving at least one resume; ~~each said at least one resume including at~~

~~least one skill or experience-related phrase,~~

means for parsing each said at least one resume to:

locate at least one skill or experience-related phrase in the resume;

determine an experience range for each said at least one skill or experience-  
related phrase by examining a use of each said at least one skill or experience-related  
phrase in the resume; and

compute a term of experience for each said at least one skill or experience-  
related phrase based on the experience range,

wherein the term of experience for each said at least one skill or experience-  
related phrase is a summation of the term of experience for each occurrence of the  
phrase associated with a different experience range.

wherein said at least one skill or experience-related phrase includes ~~including~~  
the required skill or experience-related phrase for at least one of said at least one job  
requirement,

wherein each resume summarizes a candidate's career and qualifications, and

wherein each resume conveys personal and business-related characteristics that  
the candidate believes to be relevant to a prospective employer;

means for storing each said at least one resume;

means for computing, for each said at least one resume, a term of experience for the  
required skill or experience-related phrase for each said at least one job requirement; and

means for determining whether each said at least one resume is the matching resume  
that satisfies the job description.

111. (Original) The system of claim 110, wherein the storing of the job description is to a  
database.

112. (Original) The system of claim 110, wherein the storing of each said at least one resume  
is to a database.

113. (Original) The system of claim 110, wherein the required term of experience is a minimum required term of experience.

114. (Original) The system of claim 110, wherein each said at least one resume includes at least one word, and wherein said at least one skill or experience-related phrase comprises said at least one word.

115. (Original) The system of claim 114, wherein, when each said at least one resume includes at least two words, said at least one skill or experience-related phrase further comprises at least one word group, each said at least one word group including consecutive words from the resume.

116. (Original) The system of claim 110, wherein said at least one skill or experience-related phrase includes at least one attribute for a candidate.

117. (Currently Amended) The system of claim 110, wherein the examining of the use of each said at least one skill or experience-related phrase in the resume includes examining a portion of the resume that surrounds each said at least one skill or experience-related phrase for a context. ~~each said at least one resume further includes at least one contextual use, each said at least one contextual use including an experience range, and wherein the means for computing the term of experience further comprises:~~

~~means for associating the required skill or experience-related phrase for each said at least one job requirement with one of said at least one contextual use,~~

~~wherein the term of experience for the required skill or experience-related phrase for each said at least one job requirement is derived from the experience range of the associated one of said at least one contextual use.~~

118. (Original) The system of claim 117, further comprising:

means for setting the term of experience to zero when the experience range is zero;

means for determining a start time for the experience range when the experience range is greater than zero;

means for determining an end time for the experience range when the experience range is greater than zero;

means for computing a time difference between the start time and the end time when the experience range is greater than zero; and

means for setting the term of experience to the time difference when the experience range is greater than zero.

119. (Original) The system of claim 118, wherein the means for setting the term of experience to the time difference further comprises:

means for computing a repeated entry time difference for the required skill or experience-related phrase for each said at least one job requirement that is a repeated entry and is associated with an other experience range; and

means for adding to the time difference each repeated entry time difference, wherein the other experience range includes an other start time and an other end time, wherein the start time precedes the end time,

wherein the other start time precedes the other end time, and

wherein the other end time either precedes or is equal to the start time, or the other start time either succeeds or is equal to the end time.

120. (Original) The system of claim 110, wherein the matching resume that satisfies the job description includes the required skill or experience-related phrase for each said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

121. (Original) The system of claim 120, wherein at least one of said at least one job requirement includes at least one alternative job requirement, each said at least one alternative job requirement comprising an alternative required skill or experience-related phrase and an alternative required term of experience, and wherein the matching resume satisfies said at least one of said at least one job requirement when the resume includes either:

the required skill or experience-related phrase for said at least one of said at least one

job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience; or

the alternative required skill or experience-related phrase for any said at least one alternative job requirement, and the term of experience for the alternative required skill or experience-related phrase in the resume is greater than or equal to the alternative required term of experience.

122. (Original) The system of claim 110, wherein the matching resume satisfies the job description when the resume includes the required skill or experience-related phrase for any said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

123. (Original) The system of claim 110, wherein each said at least one job requirement further comprises a required time range for the required skill or experience-related phrase, and wherein the matching resume satisfies the job description when the experience range of the skill or experience-related phrase overlaps with the required time range.

124. (Original) The system of claim 110, further comprising:  
means for displaying the matching resume on a display screen.

125. (Original) The system of claim 124, wherein the display includes a first portion, a second portion, and a third portion, the first portion showing a list of said at least one resume, the second portion showing at least one attribute extracted from the matching resume, the third portion showing the matching resume.

126. (Original) The system of claim 124, wherein the display includes a first portion, and a second portion, the first portion showing at least one attribute extracted from the matching resume, the second portion showing the matching resume.



127. (Original) The system of claim 124, wherein the display includes a first portion, and a second portion, the first portion showing a list of said at least one resume, the second portion showing the matching resume.

128. (Original) The system of claim 124, wherein the matching resume includes at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement, and wherein the means for displaying the matching resume further comprises:

means for marking each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.

129. (Original) The system of claim 128, wherein the marking includes highlighting each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement, or displaying in reverse video each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.

130. (Original) The system of claim 110, wherein the job description further includes a required level of education or a required field of specialization.

131. (Original) The system of claim 130, wherein the matching resume that satisfies the job description includes the required level of education, the required field of specialization, or a phrase implying the required level of education or the required field of specialization.

132. (Original) The system of claim 110, wherein the job description further includes a required salary range comprising a minimum required salary and a maximum required salary.

133. (Original) The system of claim 132, wherein the matching resume that satisfies the job description includes an expected salary that falls within the required salary range.

134. (Original) The system of claim 133, wherein the expected salary falls within the required salary range when:

the expected salary is greater than or equal to the minimum required salary, and  
the expected salary is less than or equal to the maximum required salary.

135. (Currently Amended) A system for using a computer to identify ~~identifying~~ a matching resume for a job description, comprising:

a memory device resident in the computer; and

a processor disposed in communication with the memory device, the processor configured to:

receive the job description that includes at least one job requirement, each said at least one job requirement comprising a required skill or experience-related phrase and a required term of experience for the required skill or experience-related phrase;

store the job description;

associate, for each said at least one job requirement, the required skill or experience-related phrase with at least one implying skill or experience-related phrase;

store at least one searchable phrase for each said at least one job requirement, one of said at least one searchable phrase including the required skill or experience-related phrase, and said at least one searchable phrase including each said at least one implying skill or experience-related phrase;

receive at least one resume; ~~each said at least one resume including at least one of said at least one searchable phrase,~~

parse each said at least one resume to:

locate at least one of said at least one searchable phrase in the resume;

determine an experience range for each searchable phrase located in the resume by examining a use of each searchable phrase in the resume; and

compute a term of experience for each searchable phrase located in the resume based on the experience range,

wherein the term of experience for each said at least one skill or experience-related phrase is a summation of the term of experience for each occurrence of the phrase associated with a different experience range,

wherein each resume summarizes a candidate's career and qualifications,  
and

wherein each resume conveys personal and business-related

characteristics that the candidate believes to be relevant to a prospective employer;  
store each said at least one resume;  
compute, for each said at least one resume, a term of experience for the required skill or experience-related phrase for each said at least one job requirement;  
and  
determine whether each said at least one resume is the matching resume that satisfies the job description.

136. (Original) The system of claim 135, wherein the storing of the job description is to a database.

137. (Original) The system of claim 135, wherein the storing of each said at least one resume is to a database.

138. (Original) The system of claim 135, wherein the required term of experience is a minimum required term of experience.

139. (Original) The system of claim 135, wherein at least one of each said at least one implying skill or experience-related phrase comprises a narrower skill or experience-related phrase.

140. (Original) The system of claim 135, wherein each said at least one resume comprises a document in an electronic format.

141. (Original) The system of claim 140, wherein the electronic format includes a standard digital document format.

142. (Original) The system of claim 135, wherein the job description comprises a document in an electronic format.

143. (Original) The system of claim 142, wherein the electronic format includes a standard digital document format.

144. (Original) The system of claim 135, wherein each said at least one resume comprises a curriculum vitae.

145. (Original) The system of claim 135, wherein each said at least one resume includes at least one word, and wherein said at least one skill or experience-related phrase comprises said at least one word.

146. (Original) The system of claim 145, wherein, when each said at least one resume includes at least two words, said at least one skill or experience-related phrase further comprises at least one word group, each said at least one word group including consecutive words from the resume.

147. (Original) The system of claim 135, wherein each said at least one skill or experience-related phrase comprises a skill, a job location, a title, a department, a responsibility, a duty, an action, an achievement, an accomplishment, a relationship, a product, a consultation, a group, a team, a field, a space, an area of endeavor, a company, an industry, a technical package, or a tool.

148. (Original) The system of claim 135, wherein to associate the required skill or experience-related phrase with said at least one implying skill or experience-related phrase, the processor is further configured to:

retrieve each said at least one implying skill or experience-related phrase from a phrase mapping table that relates each said at least one skill or experience-related phrase to each said at least one implying skill or experience-related phrase.

149. (Original) The system of claim 135, wherein said at least one skill or experience-related phrase includes at least one attribute for a candidate.

150. (Original) The system of claim 149, wherein said at least one attribute includes a name, a residence or business address, a telephone number, an electronic mail address, education data, past employer data, or salary data.

151. (Original) The system of claim 150, wherein the telephone number includes a home number, a work number, a facsimile number, or a cellular number.

152. (Original) The system of claim 150, wherein the education data includes a degree, a major, a year, or a school name.

153. (Original) The system of claim 150, wherein the past employer data includes an employer name, a last title, and a period of employment.

154. (Original) The system of claim 150, wherein the salary data includes a current salary and an expected salary.

155. (Currently Amended) The system of claim 135, wherein the examining of the use of each said at least one skill or experience-related phrase in the resume includes examining a portion of the resume that surrounds each said at least one skill or experience-related phrase for a context. each said at least one resume further includes at least one contextual use, each said at least one contextual use including an experience range, and wherein to compute the term of experience, the processor is further configured to:

associate each said at least one searchable phrase for each said at least one job requirement with one of said at least one contextual use,

wherein the term of experience for each said at least one searchable phrase for each said at least one job requirement is derived from the experience range of the associated one of said at least one contextual use.

156. (Original) The system of claim 155, wherein the contextual use for the required skill or experience-related phrase for each said at least one job requirement includes the contextual use of the associated said at least one implying skill or experience-related phrase.

157. (Original) The system of claim 156, wherein the processor is further configured to:
- when the experience range is zero:
    - set the term of experience to zero; and
  - when the experience range is greater than zero:
    - determine a start time for the experience range;
    - determine an end time for the experience range;
    - compute a time difference between the start time and the end time; and
    - set the term of experience to the time difference.
158. (Original) The system of claim 157, wherein the term of experience is a number of seconds, minutes, hours, days, weeks, months, years, or decades.
159. (Original) The system of claim 157, wherein the term of experience is an integer.
160. (Original) The system of claim 157, wherein the term of experience is not an integer.
161. (Original) The system of claim 157, wherein to set the term of experience to the time difference, the processor is further configured to:
- compute a repeated entry time difference for the required skill or experience-related phrase for each said at least one job requirement that is a repeated entry and is associated with an other experience range; and
  - add to the time difference each repeated entry time difference,
  - wherein the other experience range includes an other start time and an other end time,
  - wherein the start time precedes the end time,
  - wherein the other start time precedes the other end time, and
  - wherein the other end time either precedes or is equal to the start time, or the other start time either succeeds or is equal to the end time.
162. (Original) The system of claim 135, wherein the required term of experience is a number of seconds, minutes, hours, days, weeks, months, years, or decades.

163. (Original) The system of claim 135, wherein the required term of experience is an integer.

164. (Original) The system of claim 135, wherein the required term of experience is not an integer.

165. (Original) The system of claim 135, wherein the matching resume that satisfies the job description includes at least one of said at least one searchable phrase for each said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

166. (Original) The system of claim 165, wherein at least one of said at least one job requirement includes at least one alternative job requirement, each said at least one alternative job requirement comprising an alternative required skill or experience-related phrase and an alternative required term of experience, each said at least one alternative job requirement having at least one alternative searchable phrase, one of said at least one alternative searchable phrase including the alternative required skill or experience-related phrase, and said at least one alternative searchable phrase including each said at least one implying skill or experience-related phrase, and wherein the matching resume satisfies said at least one of said at least one job requirement when the resume includes either:

at least one of said at least one searchable phrase for said at least one of said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience; or

the alternative searchable phrase for any said at least one alternative job requirement, and the term of experience for the alternative required skill or experience-related phrase in the resume is greater than or equal to the alternative required term of experience.

167. (Original) The system of claim 135, wherein the matching resume satisfies the job description when the resume includes at least one of said at least one searchable phrase for any said at least one job requirement, and the term of experience for the required skill or

experience-related phrase in the resume is greater than or equal to the required term of experience.

168. (Original) The system of claim 135, wherein each said at least one job requirement further comprises a required time range for the required skill or experience-related phrase, and wherein the matching resume satisfies the job description when the experience range of the skill or experience-related phrase overlaps with the required time range.

169. (Original) The system of claim 135, wherein the processor is further configured to: display the matching resume on a display screen.

170. (Original) The system of claim 169, wherein the display includes a first portion, a second portion, and a third portion, the first portion showing a list of said at least one resume, the second portion showing at least one attribute extracted from the matching resume, the third portion showing the matching resume.

171. (Original) The system of claim 169, wherein the display includes a first portion, and a second portion, the first portion showing at least one attribute extracted from the matching resume, the second portion showing the matching resume.

172. (Original) The system of claim 169, wherein the display includes a first portion, and a second portion, the first portion showing a list of said at least one resume, the second portion showing the matching resume.

173. (Original) The system of claim 169, wherein the matching resume includes at least one occurrence of the required skill or experience-related phrase or at least one implying phrase of the required skill or experience-related phrase for said at least one job requirement, and wherein to display the matching resume, the processor is further configured to:

mark each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.



174. (Original) The system of claim 173, wherein the marking includes highlighting each said at least one occurrence of the required skill or experience-related phrase or said at least one implying phrase of the required skill or experience-related phrase for said at least one job requirement, or displaying in reverse video each said at least one occurrence of the required skill or experience-related phrase or said at least one implying phrase of the required skill or experience-related phrase for said at least one job requirement.

175. (Original) The system of claim 135, wherein the job description further includes a required level of education or a required field of specialization.

176. (Original) The system of claim 175, wherein the matching resume that satisfies the job description includes the required level of education, the required field of specialization, or a phrase implying the required level of education or the required field of specialization.

177. (Original) The system of claim 135, wherein the job description further includes a required salary range comprising a minimum required salary and a maximum required salary.

178. (Original) The system of claim 177, wherein the matching resume that satisfies the job description includes an expected salary that falls within the required salary range.

179. (Original) The system of claim 178, wherein the expected salary falls within the required salary range when:

the expected salary is greater than or equal to the minimum required salary, and  
the expected salary is less than or equal to the maximum required salary.

180. (Currently Amended) A method for using a computer to identify ~~identifying~~ a matching resume for a job description, comprising:

receiving the job description in a memory device resident in the computer, the job description including ~~that includes~~ at least one job requirement, each said at least one job requirement comprising a required skill or experience-related phrase and a required term of experience for the required skill or experience-related phrase;

storing the job description;

associating, for each said at least one job requirement, the required skill or experience-related phrase with at least one implying skill or experience-related phrase;

storing at least one searchable phrase for each said at least one job requirement, one of said at least one searchable phrase including the required skill or experience-related phrase, and said at least one searchable phrase including each said at least one implying skill or experience-related phrase;

receiving at least one resume; ~~each said at least one resume including at least one of said at least one searchable phrase;~~

parsing each said at least one resume to:

locate at least one of said at least one searchable phrase in the resume;

determine an experience range for each searchable phrase located in the resume by examining a use of each searchable phrase in the resume; and

compute a term of experience for each searchable phrase located in the resume based on the experience range.

wherein the term of experience for each said at least one skill or experience-related phrase is a summation of the term of experience for each occurrence of the phrase associated with a different experience range.

wherein each resume summarizes a candidate's career and qualifications, and

wherein each resume conveys personal and business-related characteristics that the candidate believes to be relevant to a prospective employer;

storing each said at least one resume;

computing, for each said at least one resume, a term of experience for the required skill or experience-related phrase for each said at least one job requirement; and

determining whether each said at least one resume is the matching resume that satisfies the job description.

181. (Original) The method of claim 180, wherein the storing of the job description is to a database.

182. (Original) The method of claim 180, wherein the storing of each said at least one resume is to a database.

183. (Original) The method of claim 180, wherein the required term of experience is a minimum required term of experience.

184. (Original) The method of claim 180, wherein at least one of each said at least one implying skill or experience-related phrase comprises a narrower skill or experience-related phrase.

185. (Original) The method of claim 180, wherein each said at least one resume comprises a document in an electronic format.

186. (Original) The method of claim 185, wherein the electronic format includes a standard digital document format.

187. (Original) The method of claim 180, wherein the job description comprises a document in an electronic format.

188. (Original) The method of claim 187, wherein the electronic format includes a standard digital document format.

189. (Original) The method of claim 180, wherein each said at least one resume comprises a curriculum vitae.

190. (Original) The method of claim 180, wherein each said at least one resume includes at least one word, and wherein said at least one skill or experience-related phrase comprises said at least one word.

191. (Original) The method of claim 190, wherein, when each said at least one resume includes at least two words, said at least one skill or experience-related phrase further comprises at least one word group, each said at least one word group including consecutive words from the resume.

192. (Original) The method of claim 180, wherein each said at least one skill or experience-related phrase comprises a skill, a job location, a title, a department, a responsibility, a duty, an action, an achievement, an accomplishment, a relationship, a product, a consultation, a group, a team, a field, a space, an area of endeavor, a company, an industry, a technical package, or a tool.

193. (Original) The method of claim 180, wherein the associating of the required skill or experience-related phrase with said at least one implying skill or experience-related phrase further comprises:

retrieving each said at least one implying skill or experience-related phrase from a phrase mapping table that relates each said at least one skill or experience-related phrase to each said at least one implying skill or experience-related phrase.

194. (Original) The method of claim 180, wherein said at least one skill or experience-related phrase includes at least one attribute for a candidate.

195. (Original) The method of claim 194, wherein said at least one attribute includes a name, a residence or business address, a telephone number, an electronic mail address, education data, past employer data, or salary data.

196. (Original) The method of claim 195, wherein the telephone number includes a home number, a work number, a facsimile number, or a cellular number.

197. (Original) The method of claim 195, wherein the education data includes a degree, a major, a year, or a school name.

198. (Original) The method of claim 195, wherein the past employer data includes an employer name, a last title, and a period of employment.

199. (Original) The method of claim 195, wherein the salary data includes a current salary and an expected salary.

200. (Currently Amended) The method of claim 180, wherein the examining of the use of each said at least one skill or experience-related phrase in the resume includes examining a portion of the resume that surrounds each said at least one skill or experience-related phrase for a context, each said at least one resume further includes at least one contextual use, each said at least one contextual use including an experience range, and wherein the computing of the term of experience further comprises:

associating each said at least one searchable phrase for each said at least one job requirement with one of said at least one contextual use,

wherein the term of experience for each said at least one searchable phrase for each said at least one job requirement is derived from the experience range of the associated one of said at least one contextual use.

201. (Original) The method of claim 200, wherein the contextual use for the required skill or experience-related phrase for each said at least one job requirement includes the contextual use of the associated said at least one implying skill or experience-related phrase.

202. (Original) The method of claim 201, further comprising:

when the experience range is zero:

setting the term of experience to zero; and

when the experience range is greater than zero:

determining a start time for the experience range;

determining an end time for the experience range;

computing a time difference between the start time and the end time; and

setting the term of experience to the time difference.

203. (Original) The method of claim 202, wherein the term of experience is a number of seconds, minutes, hours, days, weeks, months, years, or decades.

204. (Original) The method of claim 202, wherein the term of experience is an integer.

205. (Original) The method of claim 202, wherein the term of experience is not an integer.

206. (Original) The method of claim 202, wherein the setting of the term of experience to the time difference further comprises:

computing a repeated entry time difference for the required skill or experience-related phrase for each said at least one job requirement that is a repeated entry and is associated with an other experience range; and

adding to the time difference each repeated entry time difference,  
wherein the other experience range includes an other start time and an other end time,  
wherein the start time precedes the end time,  
wherein the other start time precedes the other end time, and  
wherein the other end time either precedes or is equal to the start time, or the other start time either succeeds or is equal to the end time.

207. (Original) The method of claim 180, wherein the required term of experience is a number of seconds, minutes, hours, days, weeks, months, years, or decades.

208. (Original) The method of claim 180, wherein the required term of experience is an integer.

209. (Original) The method of claim 180, wherein the required term of experience is not an integer.

210. (Original) The method of claim 180, wherein the matching resume that satisfies the job description includes at least one of said at least one searchable phrase for each said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

211. (Original) The method of claim 210, wherein at least one of said at least one job requirement includes at least one alternative job requirement, each said at least one alternative job requirement comprising an alternative required skill or experience-related phrase and an alternative required term of experience, each said at least one alternative job requirement having at least one alternative searchable phrase, one of said at least one

alternative searchable phrase including the alternative required skill or experience-related phrase, and said at least one alternative searchable phrase including each said at least one implying skill or experience-related phrase, and wherein the matching resume satisfies said at least one of said at least one job requirement when the resume includes either:

at least one of said at least one searchable phrase for said at least one of said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience; or

the alternative searchable phrase for any said at least one alternative job requirement, and the term of experience for the alternative required skill or experience-related phrase in the resume is greater than or equal to the alternative required term of experience.

212. (Original) The method of claim 180, wherein the matching resume satisfies the job description when the resume includes at least one of said at least one searchable phrase for any said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

213. (Original) The method of claim 180, wherein each said at least one job requirement further comprises a required time range for the required skill or experience-related phrase, and wherein the matching resume satisfies the job description when the experience range of the skill or experience-related phrase overlaps with the required time range.

214. (Original) The method of claim 180, further comprising:  
displaying the matching resume on a display screen.

215. (Original) The method of claim 214, wherein the display includes a first portion, a second portion, and a third portion, the first portion showing a list of said at least one resume, the second portion showing at least one attribute extracted from the matching resume, the third portion showing the matching resume.

216. (Original) The method of claim 214, wherein the display includes a first portion, and a second portion, the first portion showing at least one attribute extracted from the matching resume, the second portion showing the matching resume.

217. (Original) The method of claim 214, wherein the display includes a first portion, and a second portion, the first portion showing a list of said at least one resume, the second portion showing the matching resume.

218. (Original) The method of claim 214, wherein the matching resume includes at least one occurrence of the required skill or experience-related phrase or at least one implying phrase of the required skill or experience-related phrase for said at least one job requirement, and wherein the displaying of the matching resume further comprises:

marking each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.

219. (Original) The method of claim 218, wherein the marking includes highlighting each said at least one occurrence of the required skill or experience-related phrase or said at least one implying phrase of the required skill or experience-related phrase for said at least one job requirement, or displaying in reverse video each said at least one occurrence of the required skill or experience-related phrase or said at least one implying phrase of the required skill or experience-related phrase for said at least one job requirement.

220. (Original) The method of claim 180, wherein the job description further includes a required level of education or a required field of specialization.

221. (Original) The method of claim 220, wherein the matching resume that satisfies the job description includes the required level of education, the required field of specialization, or a phrase implying the required level of education or the required field of specialization.

222. (Original) The method of claim 180, wherein the job description further includes a required salary range comprising a minimum required salary and a maximum required salary.



223. (Original) The method of claim 222, wherein the matching resume that satisfies the job description includes an expected salary that falls within the required salary range.

224. (Original) The method of claim 223, wherein the expected salary falls within the required salary range when:

the expected salary is greater than or equal to the minimum required salary, and  
the expected salary is less than or equal to the maximum required salary.

225. (Currently Amended) A computer program product, to be used on a computer,  
~~comprising a computer useable storage medium having computer readable program code~~  
~~embodied in the medium~~ for identifying a matching resume for a job description, ~~the computer~~  
~~readable program code~~ comprising:

a computer readable medium storing:

program code for receiving the job description that includes at least one job requirement, each said at least one job requirement comprising a required skill or experience-related phrase and a required term of experience for the required skill or experience-related phrase;

program code for storing the job description;

program code for associating, for each said at least one job requirement, the required skill or experience-related phrase with at least one implying skill or experience-related phrase;

program code for storing at least one searchable phrase for each said at least one job requirement, one of said at least one searchable phrase including the required skill or experience-related phrase, and said at least one searchable phrase including each said at least one implying skill or experience-related phrase;

program code for receiving at least one resume; ~~each said at least one resume~~  
~~including at least one of said at least one searchable phrase,~~

program code for parsing each said at least one resume to:

locate at least one of said at least one searchable phrase in the resume;

determine an experience range for each searchable phrase located in the

resume by examining a use of each searchable phrase in the resume; and  
compute a term of experience for each searchable phrase located in the  
resume based on the experience range,

wherein the term of experience for each said at least one skill or  
experience-related phrase is a summation of the term of experience for each  
occurrence of the phrase associated with a different experience range,

wherein each resume summarizes a candidate's career and qualifications,  
and

wherein each resume conveys personal and business-related  
characteristics that the candidate believes to be relevant to a prospective  
employer;

program code for storing each said at least one resume;

program code for computing, for each said at least one resume, a term of  
experience for the required skill or experience-related phrase for each said at least one  
job requirement; and

program code for determining whether each said at least one resume is the  
matching resume that satisfies the job description.

226. (Original) The computer program product of claim 225, wherein the storing of the job  
description is to a database.

227. (Original) The computer program product of claim 225, wherein the storing of each said  
at least one resume is to a database.

228. (Original) The computer program product of claim 225, wherein the required term of  
experience is a minimum required term of experience.

229. (Original) The computer program product of claim 225, wherein at least one of each said  
at least one implying skill or experience-related phrase comprises a narrower skill or  
experience-related phrase.

230. (Original) The computer program product of claim 225, wherein each said at least one resume includes at least one word, and wherein said at least one skill or experience-related phrase comprises said at least one word.

231. (Original) The computer program product of claim 230, wherein, when each said at least one resume includes at least two words, said at least one skill or experience-related phrase further comprises at least one word group, each said at least one word group including consecutive words from the resume.

232. (Original) The computer program product of claim 225, wherein the program code for associating the required skill or experience-related phrase with at least one implying skill or experience-related phrase further comprises:

program code for retrieving each said at least one implying skill or experience-related phrase from a phrase mapping table that relates each said at least one skill or experience-related phrase to each said at least one implying skill or experience-related phrase.

233. (Original) The computer program product of claim 225, wherein said at least one skill or experience-related phrase includes at least one attribute for a candidate.

234. (Currently Amended) The computer program product of claim 225, wherein the examining of the use of each said at least one skill or experience-related phrase in the resume includes examining a portion of the resume that surrounds each said at least one skill or experience-related phrase for a context. ~~each said at least one resume further includes at least one contextual use, each said at least one contextual use including an experience range, and wherein the program code for computing the term of experience further comprises:~~

~~program code for associating each said at least one searchable phrase for each said at least one job requirement with one of said at least one contextual use,~~

~~wherein the term of experience for each said at least one searchable phrase for each said at least one job requirement is derived from the experience range of the associated one of said at least one contextual use.~~

235. (Original) The computer program product of claim 234, wherein the contextual use for the required skill or experience-related phrase for each said at least one job requirement includes the contextual use of the associated said at least one implying skill or experience-related phrase.

236. (Original) The computer program product of claim 235, further comprising:  
program code for setting the term of experience to zero when the experience range is zero;

program code for determining a start time for the experience range when the experience range is greater than zero;

program code for determining an end time for the experience range when the experience range is greater than zero;

program code for computing a time difference between the start time and the end time when the experience range is greater than zero; and

program code for setting the term of experience to the time difference when the experience range is greater than zero.

237. (Original) The computer program product of claim 236, wherein the program code for setting the term of experience to the time difference further comprises:

program code for computing a repeated entry time difference for the required skill or experience-related phrase for each said at least one job requirement that is a repeated entry and is associated with an other experience range; and

program code for adding to the time difference each repeated entry time difference, wherein the other experience range includes an other start time and an other end time, wherein the start time precedes the end time, wherein the other start time precedes the other end time, and wherein the other end time either precedes or is equal to the start time, or the other start time either succeeds or is equal to the end time.

238. (Original) The computer program product of claim 225, wherein the matching resume that satisfies the job description includes at least one of said at least one searchable phrase for each said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

239. (Original) The computer program product of claim 238, wherein at least one of said at least one job requirement includes at least one alternative job requirement, each said at least one alternative job requirement comprising an alternative required skill or experience-related phrase and an alternative required term of experience, each said at least one alternative job requirement having at least one alternative searchable phrase, one of said at least one alternative searchable phrase including the alternative required skill or experience-related phrase, and said at least one alternative searchable phrase including each said at least one implying skill or experience-related phrase, and wherein the matching resume satisfies said at least one of said at least one job requirement when the resume includes either:

at least one of said at least one searchable phrase for said at least one of said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience; or

the alternative searchable phrase for any said at least one alternative job requirement, and the term of experience for the alternative required skill or experience-related phrase in the resume is greater than or equal to the alternative required term of experience.

240. (Original) The computer program product of claim 225, wherein the matching resume satisfies the job description when the resume includes at least one of said at least one searchable phrase for any said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

241. (Original) The computer program product of claim 225, wherein each said at least one job requirement further comprises a required time range for the required skill or experience-

related phrase, and wherein the matching resume satisfies the job description when the experience range of the skill or experience-related phrase overlaps with the required time range.

242. (Original) The computer program product of claim 225, further comprising:  
program code for displaying the matching resume on a display screen.

243. (Original) The computer program product of claim 242, wherein the display includes a first portion, a second portion, and a third portion, the first portion showing a list of said at least one resume, the second portion showing at least one attribute extracted from the matching resume, the third portion showing the matching resume.

244. (Original) The computer program product of claim 242, wherein the display includes a first portion, and a second portion, the first portion showing at least one attribute extracted from the matching resume, the second portion showing the matching resume.

245. (Original) The computer program product of claim 242, wherein the display includes a first portion, and a second portion, the first portion showing a list of said at least one resume, the second portion showing the matching resume.

246. (Original) The computer program product of claim 242, wherein the matching resume includes at least one occurrence of the required skill or experience-related phrase or at least one implying phrase of the required skill or experience-related phrase for said at least one job requirement, and wherein the program code for displaying the matching resume further comprises:

program code for marking each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.

247. (Original) The computer program product of claim 246, wherein the marking includes highlighting each said at least one occurrence of the required skill or experience-related phrase or said at least one implying phrase of the required skill or experience-related phrase for said at

least one job requirement, or displaying in reverse video each said at least one occurrence of the required skill or experience-related phrase or said at least one implying phrase of the required skill or experience-related phrase for said at least one job requirement.

248. (Original) The computer program product of claim 225, wherein the job description further includes a required level of education or a required field of specialization.

249. (Original) The computer program product of claim 248, wherein the matching resume that satisfies the job description includes the required level of education, the required field of specialization, or a phrase implying the required level of education or the required field of specialization.

250. (Original) The computer program product of claim 225, wherein the job description further includes a required salary range comprising a minimum required salary and a maximum required salary.

251. (Original) The computer program product of claim 250, wherein the matching resume that satisfies the job description includes an expected salary that falls within the required salary range.

252. (Original) The computer program product of claim 251, wherein the expected salary falls within the required salary range when:

the expected salary is greater than or equal to the minimum required salary, and  
the expected salary is less than or equal to the maximum required salary.

253. (Currently Amended) A system for using a computer to identify identifying a matching resume for a job description, comprising:

means for receiving the job description that includes at least one job requirement, each said at least one job requirement comprising a required skill or experience-related phrase and a required term of experience for the required skill or experience-related phrase;

means for storing the job description;

means for associating, for each said at least one job requirement, the required skill or experience-related phrase with at least one implying skill or experience-related phrase;

means for storing at least one searchable phrase for each said at least one job requirement, one of said at least one searchable phrase including the required skill or experience-related phrase, and said at least one searchable phrase including each said at least one implying skill or experience-related phrase;

means for receiving at least one resume; ~~each said at least one resume including at least one of said at least one searchable phrase,~~

means for parsing each said at least one resume to:

locate at least one of said at least one searchable phrase in the resume;

determine an experience range for each searchable phrase located in the resume by examining a use of each searchable phrase in the resume; and

compute a term of experience for each searchable phrase located in the resume based on the experience range.

wherein the term of experience for each said at least one skill or experience-related phrase is a summation of the term of experience for each occurrence of the phrase associated with a different experience range,

wherein each resume summarizes a candidate's career and qualifications, and

wherein each resume conveys personal and business-related characteristics that the candidate believes to be relevant to a prospective employer;

means for storing each said at least one resume;

means for computing, for each said at least one resume, a term of experience for the required skill or experience-related phrase for each said at least one job requirement; and

means for determining whether each said at least one resume is the matching resume that satisfies the job description.

254. (Original) The system of claim 253, wherein the storing of the job description is to a database.



255. (Original) The system of claim 253, wherein the storing of each said at least one resume is to a database.

256. (Original) The system of claim 253, wherein the required term of experience is a minimum required term of experience.

257. (Original) The system of claim 253, wherein at least one of each said at least one implying skill or experience-related phrase comprises a narrower skill or experience-related phrase.

258. (Original) The system of claim 253, wherein each said at least one resume includes at least one word, and wherein said at least one skill or experience-related phrase comprises said at least one word.

259. (Original) The system of claim 258, wherein, when each said at least one resume includes at least two words, said at least one skill or experience-related phrase further comprises at least one word group, each said at least one word group including consecutive words from the resume.

260. (Original) The system of claim 253, wherein the means for associating the required skill or experience-related phrase with said at least one implying skill or experience-related phrase further comprises:

means for retrieving each said at least one implying skill or experience-related phrase from a phrase mapping table that relates each said at least one skill or experience-related phrase to each said at least one implying skill or experience-related phrase.

261. (Original) The system of claim 253, wherein said at least one skill or experience-related phrase includes at least one attribute for a candidate.

262. (Currently Amended) The system of claim 253, wherein the examining of the use of each said at least one skill or experience-related phrase in the resume includes examining a portion of the resume that surrounds each said at least one skill or experience-related phrase for a

~~context. each said at least one resume further includes at least one contextual use, each said at least one contextual use including an experience range, and wherein the means for computing the term of experience further comprises:~~

~~means for associating each said at least one searchable phrase for each said at least one job requirement with one of said at least one contextual use,~~

~~wherein the term of experience for each said at least one searchable phrase for each said at least one job requirement is derived from the experience range of the associated one of said at least one contextual use.~~

263. (Original) The system of claim 262, wherein the contextual use for the required skill or experience-related phrase for each said at least one job requirement includes the contextual use of the associated said at least one implying skill or experience-related phrase.

264. (Original) The system of claim 263, further comprising:

means for setting the term of experience to zero when the experience range is zero;

means for determining a start time for the experience range when the experience range is greater than zero;

means for determining an end time for the experience range when the experience range is greater than zero;

means for computing a time difference between the start time and the end time when the experience range is greater than zero; and

means for setting the term of experience to the time difference when the experience range is greater than zero.

265. (Original) The system of claim 264, wherein the means for setting the term of experience to the time difference further comprises:

means for computing a repeated entry time difference for the required skill or experience-related phrase for each said at least one job requirement that is a repeated entry and is associated with an other experience range; and

means for adding to the time difference each repeated entry time difference,

wherein the other experience range includes an other start time and an other end time,  
wherein the start time precedes the end time,  
wherein the other start time precedes the other end time, and  
wherein the other end time either precedes or is equal to the start time, or the other  
start time either succeeds or is equal to the end time.

266. (Original) The system of claim 253, wherein the matching resume that satisfies the job description includes at least one of said at least one searchable phrase for each said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience.

267. (Original) The system of claim 266, wherein at least one of said at least one job requirement includes at least one alternative job requirement, each said at least one alternative job requirement comprising an alternative required skill or experience-related phrase and an alternative required term of experience, each said at least one alternative job requirement having at least one alternative searchable phrase, one of said at least one alternative searchable phrase including the alternative required skill or experience-related phrase, and said at least one alternative searchable phrase including each said at least one implying skill or experience-related phrase, and wherein the matching resume satisfies said at least one of said at least one job requirement when the resume includes either:

at least one of said at least one searchable phrase for said at least one of said at least one job requirement, and the term of experience for the required skill or experience-related phrase in the resume is greater than or equal to the required term of experience; or

the alternative searchable phrase for any said at least one alternative job requirement, and the term of experience for the alternative required skill or experience-related phrase in the resume is greater than or equal to the alternative required term of experience.

268. (Original) The system of claim 253, wherein the matching resume satisfies the job description when the resume includes at least one of said at least one searchable phrase for any said at least one job requirement, and the term of experience for the required skill or

experience-related phrase in the resume is greater than or equal to the required term of experience.

269. (Original) The system of claim 253, wherein each said at least one job requirement further comprises a required time range for the required skill or experience-related phrase, and wherein the matching resume satisfies the job description when the experience range of the skill or experience-related phrase overlaps with the required time range.

270. (Original) The system of claim 253, further comprising:  
means for displaying the matching resume on a display screen.

271. (Original) The system of claim 270, wherein the display includes a first portion, a second portion, and a third portion, the first portion showing a list of said at least one resume, the second portion showing at least one attribute extracted from the matching resume, the third portion showing the matching resume.

272. (Original) The system of claim 270, wherein the display includes a first portion, and a second portion, the first portion showing at least one attribute extracted from the matching resume, the second portion showing the matching resume.

273. (Original) The system of claim 270, wherein the display includes a first portion, and a second portion, the first portion showing a list of said at least one resume, the second portion showing the matching resume.

274. (Original) The system of claim 270, wherein the matching resume includes at least one occurrence of the required skill or experience-related phrase or at least one implying phrase of the required skill or experience-related phrase for said at least one job requirement, and wherein the means for displaying the matching resume further comprises:

means for marking each said at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.

275. (Original) The system of claim 274, wherein the marking includes highlighting each said at least one occurrence of the required skill or experience-related phrase or said at least one implying phrase of the required skill or experience-related phrase for said at least one job requirement, or displaying in reverse video each said at least one occurrence of the required skill or experience-related phrase or said at least one implying phrase of the required skill or experience-related phrase for said at least one job requirement.

276. (Original) The system of claim 253, wherein the job description further includes a required level of education or a required field of specialization.

277. (Original) The system of claim 276, wherein the matching resume that satisfies the job description includes the required level of education, the required field of specialization, or a phrase implying the required level of education or the required field of specialization.

278. (Original) The system of claim 253, wherein the job description further includes a required salary range comprising a minimum required salary and a maximum required salary.

279. (Original) The system of claim 278, wherein the matching resume that satisfies the job description includes an expected salary that falls within the required salary range.

280. (Original) The system of claim 279, wherein the expected salary falls within the required salary range when:

the expected salary is greater than or equal to the minimum required salary, and  
the expected salary is less than or equal to the maximum required salary.

281. (Currently Amended) A graphical user interface, comprising:

a first display region including a job description that includes at least one job requirement, each said at least one job requirement comprising a required skill or experience-related phrase and a required term of experience for the required skill or experience-related phrase; and

a second display region including a matching resume that satisfies the job description,

wherein the matching resume is one of at least one resume,  
wherein each resume summarizes a candidate's career and qualification,  
wherein each resume conveys personal and business-related characteristics that the candidate believes to be relevant to a prospective employer, [[and]]

wherein each said at least one resume includes at least one skill or experience-related phrase, an experience range for each said at least one skill or experience-related phrase determined by examining a use of each said at least one skill or experience-related phrase in the resume, and a computed term of experience for each said at least one skill or experience-related phrase based on the experience range, and

wherein the term of experience for each said at least one skill or experience-related phrase is a summation of the term of experience for each occurrence of the phrase associated with a different experience range.

282. (Original) The graphical user interface of claim 281, wherein the second display region further includes a marking for at least one occurrence of the required skill or experience-related phrase for each said at least one job requirement.

283. (Original) The graphical user interface of claim 282, wherein the marking includes highlighting, displaying in reverse video, or displaying in a different font type, font size, or font style.

284. (Original) The graphical user interface of claim 282, further comprising:  
a third display region including a listing of said at least one resume.